ARUNDEL MILLS BOULEVARD IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

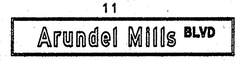
9,10,12

R3-5L
30" x 36"

13

R3-6
30" x 36"

11



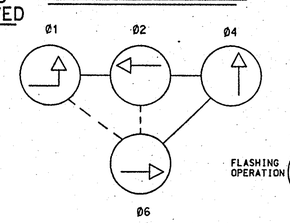
D3-2 (72" X 16")

EXISTING SIGNING TO BE REMOVED

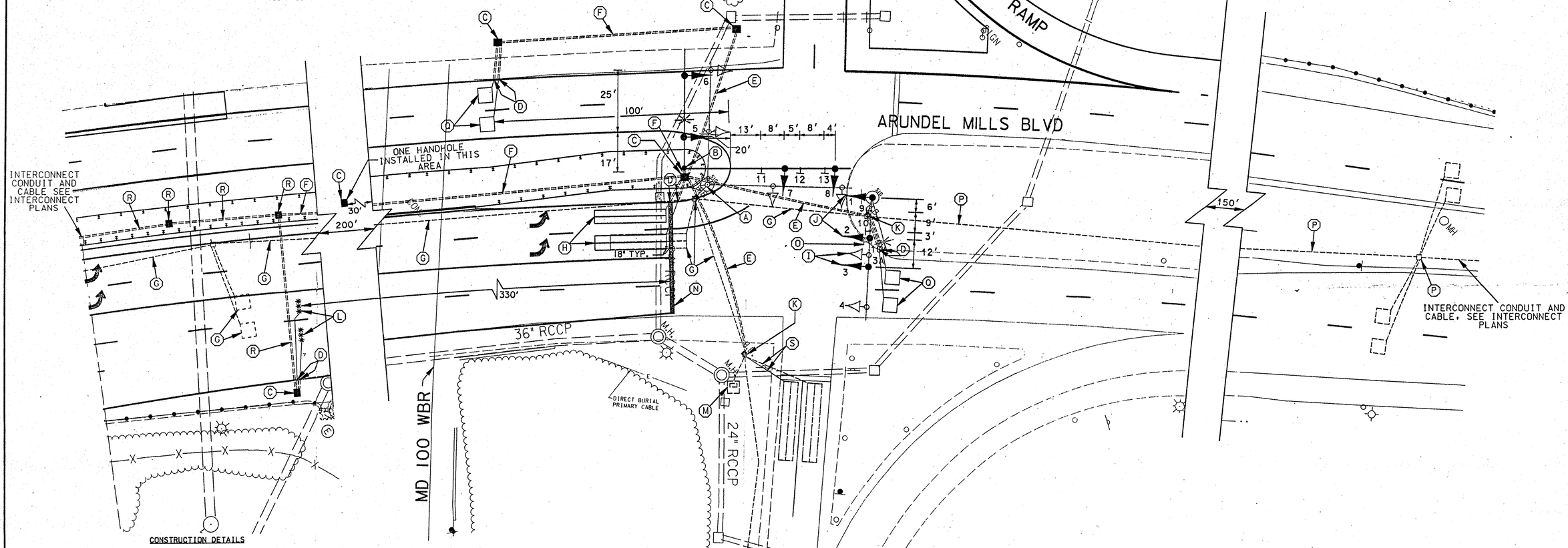
10A

EXISTING SIGNAL HEAD	PROPOSED SIGNAL HEADS		EXISTING SIGNAL HEAD TO BE REMOVED
4	1,2	3,5,6,7,8	3A
R Y G	R Y G	R Y G	R Y G
12"	12"	12"	12"

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL POLE, MAST ARM, SIGNAL HEADS, AND SIGNS. AFTER NEW SIGNAL POLE AND SIGNAL HEADS HAVE BEEN INSTALLED AND ARE OPERATIONAL.
B. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, 20 FT. STREET LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND SIGNS (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). BAG SIGNAL HEADS AND SIGNS PRIOR TO ACTIVATION.
C. INSTALL HANDHOLE.
D. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT SLOTTED PRIOR TO FINAL PAVEMENT OVERLAY.
F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
G. CAP AND ABANDON EXISTING CONDUIT, ABANDON HANDHOLES AND DETECTORS.
H. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
I. REPLACE EXISTING 5-SECTION SIGNAL HEAD WITH 3-SECTION SIGNAL HEAD.
J. INSTALL NEW 3-SECTION SIGNAL HEAD ON EXISTING MAST ARM.
K. CONNECT NEW CONDUIT TO EXISTING HANDHOLE.
L. INSTALL MICRO-LOOP PROBE SET.
M. MAINTAIN EXISTING CONTROLLER AND POWER SOURCE.
N. INSTALL 24 IN. STOP LINE.
O. REMOVE EXISTING MAST ARM MOUNTED SIGN.
P. REWIRE EXISTING LOOP DETECTOR FROM HANDHOLE IN EXISTING CONDUIT.
Q. INSTALL 6 FT. X 6 FT. QUADRUPOLE (4 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING (SAMPLING LOOP).
R. SEE INTERCONNECT PLANS FOR CONDUIT, INTERCONNECT CABLE, AND HANDHOLE INSTALLATION.
S. MAINTAIN EXISTING LOOP WIRING IN EXISTING CONDUIT.

(C) SG-5

REVISIONS	APPROVALS
Reconstruct for new geometrics, 4/00	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
[2] REVISION NO.2 - 5/26/00 NEW SHEET	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 713 (RELOCATED) AND MD 100 RAMPS

DRAWN BY: C. Jednorski	F.A.P. NO.	TS NO. 3228 A	SHEET NO. 83 OF 113
CHECKED BY:	S.H.A. NO.		
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.	
DATE: 8/25/92	LOG MILE:		

FILE: P:\1998\98320111\Highway\dgn\am88arsl.dgn